

Claims

1. Method for delayed entering into a conversation or renewed entering into a conversation by at least one radio communication device (MS1) into an already existing push-to-talk group discussion (PT) of a number of radio communication devices (MS2, MS3, MS4), of which the issued conversation totals (GB1 to GB4) have been stored previously in at least one intermediate exchange unit (SV), in that one or more missed conversation totals (GB1 to GB4) are transmitted from the exchange unit (SV) to the radio communication device (MS1) entering the push-to-talk group discussion (PT) late and are reproduced on this device.
2. Method in accordance with claim 1, characterized in that for the relevant late entry radio communication device (MS1) at least one conversation total (GB1) already stored in the exchange unit (SV) is played back at higher playback speed when it is reproduced.
3. Method in accordance with one of the previous claims characterized in that for the relevant late entry radio communication device (MS1) pauses between the individual conversation totals (GB1, GB2) already stored are shortened or omitted when these totals are reproduced.
4. Method in accordance with one of the previous claims characterized in that for the relevant late entry radio communication device (MS1) pauses within the relevant stored conversation total (GB1) are shortened or omitted when it is reproduced.
5. Method in accordance with one of the previous claims

characterized in that status information is signalled to the relevant late entry radio communication device (MS1) with the aid of at least one control signal (OM) from the exchange unit (SV) as to the total offline time (OF) which is predicted to elapse for the reproduction of the stored conversation totals (GB1 to GB4) until the current status of the push-to-talk group discussion (PT) is reached or whether the current status of the push-to-talk group discussion (PT) has already been reached and active participation in the current push-to-talk group discussion (PT) in realtime is enabled.

6. Method in accordance with claim 5, characterized in that the exchange unit (SV), on determination of the relevant remaining overall offline time (OF) predicted to elapse for reproduction of the stored conversation totals (GB1 to GB4) until the current status of the push-to-talk group discussion (PT) is reached, also calculates in the playback times for further new conversation totals (GB5, GB6) arriving in the interim, and that the updated overall playback time is signalled by the exchange unit (SV), after entry of the relevant new conversation totals (GB5, GB6) to the late entry radio communication device (MS1).
7. Method in accordance with one of the previous claims characterized in that realtime participation in the current push-to-talk group discussion (PT) for sending its own conversation totals for the late entry radio communication device (MS1) is only enabled by the exchange unit (SV) with the aid of at least one control signal (FS) and this status indicated to the user of the radio communication device (MS1), if all or some of the already stored conversation totals (GB1 to GB4)

have been played back or have been skipped entirely or in part instead of being reproduced.

8. Method in accordance with one of the previous claims characterized in that
the exchange unit (SV) transfers to the late entry radio communication device (MS1) with the aid of at least one control signal (LS) a list (LI) of the already stored conversation totals (GB1 to GB4) of the radio communication devices (MS2 to MS4) already involved in the push-to-talk group discussion (PT).
9. Method in accordance with one of the previous claims characterized in that
the exchange unit (SV) transfers to the user interface on the relevant late entry radio communication device (MS1) with the aid of at least one control signal (SS) a selection list (SB) for selecting one or more control commands (SK, RE, TH, TR), which are used for influencing the reproduction of one or more stored conversation totals (GB1 to GB4) when called up from the exchange unit (SV).
10. Method in accordance with one of the previous claims characterized in that
the late entry radio communication device (MS1) transfers one or more selected control commands (TH) for influencing the reproduction of one or more stored conversation totals (GB1 to GB4) to the exchange unit (SV), and that the relevant control command (TH) selected there is executed on the relevant stored conversation total (GB1) when it is retrieved.
11. Method for provision of information in accordance with one of the previous claims,
characterized in that

a mobile radio device is used as the relevant radio communication device (MS2 to MS4).

12. Method for provision of information in accordance with one of the previous claims, characterized in that the transmission path (I1) between the exchange unit (SV) and the radio communication device (MS1) involved in the relevant push-to-talk group discussion (PT) includes an air interface.
13. Radio communication device (MS1) with a control unit (CON) for executing the method in accordance with one of the previous claims.
14. Exchange unit (SV) with a control device and a memory device (SE, SP) for executing the method in accordance with one of the claims 1 to 12.
15. Radio communication network with at least one exchange unit (SV) in accordance with claim 14, with the aid of which for a push-to-talk group discussion (PT) of a number of „radio communication devices (MS2 to MS4) the method in accordance with one of the claims 1 with 12 is executed.